

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 07367/003W01	FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. PCT/US 96/ 02824	International filing date(<i>day/month/year</i>) 01/03/96	(Earliest) Priority Date (<i>day/month/year</i>) 01/03/95
Applicant KOLEN, Paul T. et al.		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 3 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. ☐ Certain claims were found unsearchable (see Box I).

2. ☐ Unity of invention is lacking (see Box II).

3. ☐ The international application contains disclosure of a **nucleotide and/or amino acid sequence listing** and the international search was carried out on the basis of the sequence listing

☐ filed with the international application.

☐ furnished by the applicant separately from the international application,

☐ but not accompanied by a statement to the effect that it did not include matter going beyond the disclosure in the international application as filed.

☐ Transcribed by this Authority

4. With regard to the title, ☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the abstract,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the drawings to be published with the abstract is:

Figure No. 1 ☒ as suggested by the applicant.

☐ None of the figures.

☐ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.

A. CLASSIFICATION OF SUBJECT MATTER
IPC 6 A61F7/00 A61H23/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 6 A61F A61H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US,A,3 995 621 (FLETCHER ET AL.) 7 December 1976 see column 4, line 18 - column 5, line 49 ---	1-20
Y	US,A,5 183 039 (SARIAN ET AL.) 2 February 1993 see claim 1 ---	1-18
A	US,A,3 993 053 (GROSSAN) 23 November 1976 cited in the application see column 4, line 48 - line 52 ---	1,3,4
A	US,A,4 844 072 (FRENCH ET AL.) 4 July 1989 see column 13, line 1 - line 11 ---	5-7,10
	-/--	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- * & * document member of the same patent family

Date of the actual completion of the international search

24 June 1996

Date of mailing of the international search report

01.07.96

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Glas, J

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US,A,5 097 829 (QUISENBERRY) 24 March 1992 see column 5, line 2 - line 15 see column 8, line 29 - line 31 see column 9, line 27 - line 33 ---	5-11
A Y	DE,A,33 43 664 (GEMBRY) 28 March 1985 see claim 1 -----	12,14 18-20

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US 96/02824

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US-A-3995621	07-12-76	JP-A- 52094697	09-08-77
US-A-5183039	02-02-93	AU-B- 2514192	16-03-93
		EP-A- 0558713	08-09-93
		JP-T- 6503438	14-04-94
		WO-A- 9304420	04-03-93
US-A-3993053	23-11-76	NONE	
US-A-4844072	04-07-89	NONE	
US-A-5097829	24-03-92	NONE	
DE-A-3343664	28-03-85	EP-A- 0144877	19-06-85